

### Summary of laboratory test results

<b>Client</b>	HELLENIC MARBLE GROUP 6th Km of Kavala-Drama National Road, 66100 Drama, Greece Tel.: +30 25210 43119	<b>Report No</b>	2020/140_B
		<b>Date</b>	6/8/2020
		<b>Issue</b>	0
<b>Project</b>	Natural stone testing program: <b>Dias</b>	<b>Project No</b>	130520-E1

Characteristics		Standard Test Method	Result
Apparent density	$\rho_b$	EN 1936:2006	$kg/m^3$ 2822,9
Open porosity	$\rho_o$		% 1,1
Real density	$\rho_r$		$kg/m^3$ 2860,0
Total porosity	$\rho$		% 1,3
Water absorption coefficient by capillarity	$C$	EN 1925:2001	$g/m^2 \sqrt{s}$ 0,48
Water absorption at atmospheric pressure	$Ab$	EN 13755:2008	% 0,30
Compressive strength	$R$	EN 1926:2007	$N/mm^2$ 169,07
Flexural strength under constant moment	$R_{tc}$	EN 13161:2008	$N/mm^2$ 6,42
Flexural strength under concentrated load	$R_{tf}$	EN 12372:2007	$N/mm^2$ 3,74
Frost resistance			
Flexural strength change	$\Delta R_{tf}$	EN 12371:2010 & EN 12372:2007	% 2,1
Result			Minor influence
Abrasion resistance		EN 14157:2004 Method B	$mm^3$ 1704,7

Approved By



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